

**Customer**

# Technical data

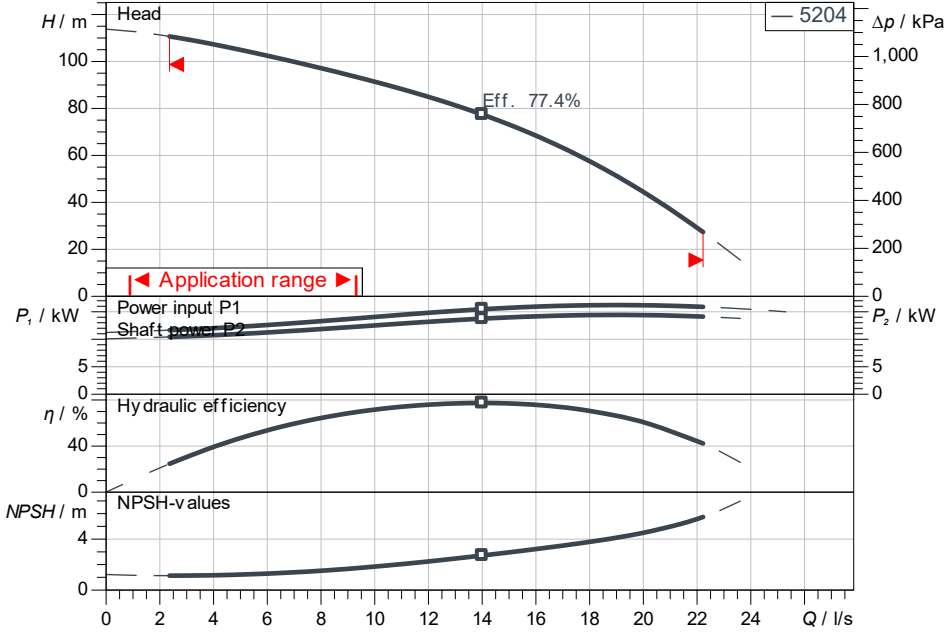
## High-pressure multistage centrifugal pump Helix V 5204-2/25/V/KS/400-50

Project ID: Untitled project 2025-03-03 15:12:38.853

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-03

### Duty chart



### Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m <sup>3</sup>
Kin. viscosity	1.00 mm <sup>2</sup> /s

### Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	

### Product data

High-pressure multistage centrifugal pump Helix V 5204-2/25/V/KS/400-50	
Max. operating pressure	2,500 kPa
Inlet pressure max.	10 bar
Fluid temperature	-15 °C ... +90 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.7

### Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+ -10 %
Max. speed	2,900 1/min
Rated power P2	15.00 kW
Rated current	26.70 A
Power factor	0.88
Service factor	1.15
Efficiency	
50% / 75% / 100%	90.2/91.8/91.9%
Degree of protection	IP55
Insulation class	F
Motor protection	No

### Fitting dimensions

Pipe connection on the suction side	DN 80, PN 25
Pipe connection (pressure side)	DN 80, PN 25

### Materials

Pump housing	1.4409
Impeller	1.4404
Shaft	1.4404
Shaft seal	BQ7VGG
Gasket material	FKM

### Information for order placements

Weight approx.	210 kg
Item number	4150913

ISO 9906: 2012 3B

### Dimensions

H	1,49
H2	1,01
ØM	305
X	218
X	200

mm

